

#9

PATENT
ATTORNEY DOCKET NUMBER: 50195/008003

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Guy E Beardsley
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Guy E Beardsley
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: James M. Robl et al.

Art Unit:

Serial No.: 09/988,115

Examiner:

Filed: November 16, 2001

Customer No.: 21559

Title: EXPRESSION OF XENOGENOUS (HUMAN)
IMMUNOGLOBULINS IN CLONED, TRANSGENIC UNGULATES

Assistant Commissioner for Patents
Washington, D.C. 20231

POWER OF ATTORNEY

The undersigned, acting on behalf of Kirin Beer Kabushiki Kaisha, the assignee of the above-referenced patent application appoints the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Paul T. Clark, Reg. No. 30,162, Karen L. Elbing, Ph.D., Reg. No. 35,238, Kristina Bieker-Brady, Ph.D., Reg. No. 39,109, Susan M. Michaud, Ph.D., Reg. No. 42,885, James D. DeCamp, Ph.D., Reg. No. 43,580, Sean J. Edman, Reg. No. 42,506, Timothy J. Douros, Reg. No. 41,716, and Vicki L. Healy, Ph.D., Reg. No. 48,343.

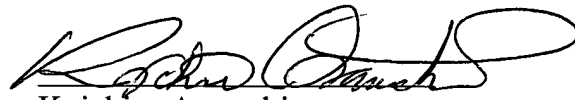
Address all telephone calls to: Karen L. Elbing, Ph.D. at 617-428-0200.

Address all correspondence to: Karen L. Elbing, Ph.D. at Clark & Elbing LLP,
176 Federal Street, Boston, MA 02110. **Customer No: 21559**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Respectfully submitted,

Date: February 6, 2002



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Assistant Commissioner for Patents
Washington, D.C. 20231

POWER OF ATTORNEY

The undersigned, acting on behalf of Hematech, LLC, the assignee of the above-referenced patent application appoints the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Paul T. Clark, Reg. No. 30,162, Karen L. Elbing, Ph.D., Reg. No. 35,238, Kristina Bieker-Brady, Ph.D., Reg. No. 39,109, Susan M. Michaud, Ph.D., Reg. No. 42,885, James D. DeCamp, Ph.D., Reg. No. 43,580, Sean J. Edman, Reg. No. 42,506, Timothy J. Douros, Reg. No. 41,716, and Vicki L. Healy, Ph.D., Reg. No. 48,343.

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Respectfully submitted,

Date:

January 31, 2002

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